

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126479.D
 Acq On : 4 Jan 2022 21:08
 Operator : JU/CG
 Sample : M5342-12MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-(10-15)MS

Quant Time: Jan 05 02:01:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/05/2022
 Supervised By : Jagrut Upadhyay 01/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	132907	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	560180	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	260169	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	421865	20.000	ng	0.00
76) Chrysene-d12	13.951	240	231408	20.000	ng	0.00
86) Perylene-d12	15.386	264	227186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	897263	96.949	ng	0.02
7) Phenol-d6	6.422	99	1155454	96.391	ng	0.00
23) Nitrobenzene-d5	7.351	82	739679	67.799	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	221749	110.299	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1012625	68.492	ng	0.00
79) Terphenyl-d14	12.898	244	853455	71.657	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	217029	46.763	ng	99
3) Pyridine	3.316	79	479885	38.333	ng	98
4) n-Nitrosodimethylamine	3.269	42	229636	44.615	ng	95
6) Aniline	6.445	93	270285	18.133	ng	99
8) 2-Chlorophenol	6.569	128	476415	51.618	ng	96
9) Benzaldehyde	6.334	77	310005	41.776	ng	92
10) Phenol	6.434	94	597700	44.680	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	488059	47.781	ng	97
12) 1,3-Dichlorobenzene	6.728	146	455008	49.333	ng	97
13) 1,4-Dichlorobenzene	6.804	146	453904	49.303	ng	97
14) 1,2-Dichlorobenzene	6.951	146	446630	49.790	ng	97
15) Benzyl Alcohol	6.928	79	416120	49.615	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	769316	47.956	ng	99
17) 2-Methylphenol	7.045	107	395338	48.695	ng	99
18) Hexachloroethane	7.298	117	184137	50.201	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	311545	45.546	ng	99
20) 3+4-Methylphenols	7.198	107	427922	44.272	ng	91
22) Acetophenone	7.198	105	616360	47.594	ng	97
24) Nitrobenzene	7.369	77	501383	45.926	ng	95
25) Isophorone	7.610	82	924681	47.346	ng	98
26) 2-Nitrophenol	7.687	139	254375	52.560	ng	94
27) 2,4-Dimethylphenol	7.728	122	415521	54.908	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	599139	46.961	ng	98
29) 2,4-Dichlorophenol	7.928	162	346443	50.137	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	357507	49.643	ng	99
31) Naphthalene	8.092	128	1312276	49.631	ng	100
32) Benzoic acid	7.869	122	337454	59.483	ng	95
33) 4-Chloroaniline	8.139	127	91903	8.297	ng	93
34) Hexachlorobutadiene	8.210	225	175124	50.032	ng	98
35) Caprolactam	8.522	113	138802m	78.961	ng	
36) 4-Chloro-3-methylphenol	8.628	107	413447	49.028	ng	99
37) 2-Methylnaphthalene	8.781	142	827307	53.041	ng	99
38) 1-Methylnaphthalene	8.881	142	761378	50.489	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	279510	49.441	ng	98
41) Hexachlorocyclopentadiene	8.939	237	294949	128.141	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	212491	50.824	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	222021	49.334	ng	98
46) 1,1'-Biphenyl	9.251	154	940027	49.263	ng	99
47) 2-Chloronaphthalene	9.275	162	690050	47.744	ng	98
48) 2-Nitroaniline	9.369	65	254786	43.655	ng	88
49) Acenaphthylene	9.686	152	1086635	49.572	ng	99
50) Dimethylphthalate	9.557	163	805417	49.589	ng	100
51) 2,6-Dinitrotoluene	9.616	165	186489	53.167	ng	86
52) Acenaphthene	9.863	154	761589m	52.995	ng	
53) 3-Nitroaniline	9.775	138	93566	19.455	ng	90
54) 2,4-Dinitrophenol	9.892	184	178904	98.288	ng	# 81
55) Dibenzofuran	10.033	168	919916	47.351	ng	97
56) 4-Nitrophenol	9.951	139	336819	98.476	ng	97
57) 2,4-Dinitrotoluene	10.016	165	242417	53.568	ng	97
58) Fluorene	10.375	166	663240	48.284	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	170658	52.833	ng	92
60) Diethylphthalate	10.251	149	769962	49.189	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	287386	47.943	ng	95
62) 4-Nitroaniline	10.398	138	197843	43.680	ng	92
63) Azobenzene	10.528	77	915816	45.422	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	117464	51.417	ng	98
66) n-Nitrosodiphenylamine	10.486	169	626135	47.839	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	188145	50.246	ng	99
68) Hexachlorobenzene	10.922	284	222962	51.190	ng	98
69) Atrazine	11.016	200	190675	84.604	ng	98
70) Pentachlorophenol	11.122	266	222559	105.133	ng	98
71) Phenanthrene	11.339	178	1032392	47.867	ng	99
72) Anthracene	11.386	178	1059996	49.117	ng	100
73) Carbazole	11.545	167	958221	45.343	ng	99
74) Di-n-butylphthalate	11.874	149	1202487	49.980	ng	99
75) Fluoranthene	12.522	202	953760	48.452	ng	98
77) Benzidine	12.645	184	299314	80.857	ng	99
78) Pyrene	12.751	202	986347	50.437	ng	100
80) Butylbenzylphthalate	13.374	149	453809	52.369	ng	89
81) Benzo(a)anthracene	13.939	228	614569	46.180	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	161077	25.944	ng	98
83) Chrysene	13.974	228	674654	49.422	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	492364	54.825	ng	100
85) Di-n-octyl phthalate	14.545	149	916860	58.867	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	804217	52.894	ng	99
88) Benzo(b)fluoranthene	14.974	252	687566	50.804	ng	98
89) Benzo(k)fluoranthene	15.004	252	639259	48.760	ng	98
90) Benzo(a)pyrene	15.327	252	668591	58.918	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	656837	53.538	ng	99
92) Benzo(g,h,i)perylene	17.239	276	717771	54.942	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

